

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2005/001075

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61C 13/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 1131948 A (JOE JOHN SIMMONS), 30 October 1968 (30.10.1968), figure 1b --	1-10
A	US 4470815 A1 (MITCHELL M. HAZAR), 11 Sept 1984 (11.09.1984), figures 5-7, abstract --	1-10
A	US 6227861 B1 (RICHARD G. CARTLEDGE ET AL), 8 May 2001 (08.05.2001), figure 7 --	1-10
A	US 20020106604 A1 (LOC X. PHAN ET AL), 8 August 2002 (08.08.2002), figure 7 -- -----	1-10

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

1 November 2005

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INTERNATIONAL SEARCH REPORT

Information on patent family members

01/10/2005

International application No.

PCT/SE 2005/001075

GB	1131948	A	30/10/1968	NONE			
US	4470815	A1	11/09/1984	US	4583947	A	22/04/1986
US	6227861	B1	08/05/2001	WO	02069831	A	12/09/2002

INTERNATIONAL SEARCH REPORT

Information on patent family members

01/10/2005

International application No.

PCT/SE 2005/001075

US 20020106604 A1 08/08/2002

US	6705863	B	16/03/2004
US	20040048223	A	11/03/2004
US	20040229183	A	18/11/2004
AT	249178	T	15/09/2003
AU	726743	B	16/11/2000
AU	779176	B	13/01/2005
AU	8156498	A	04/01/1999
AU	2005201222	A	00/00/0000
BR	9810051	A	12/09/2000
CA	2292533	A	30/12/1998
DE	69818045	D,T	03/06/2004
DK	989828	T	15/12/2003
EP	0989828	A,B	05/04/2000
SE	0989828	T3	
IL	133343	D	00/00/0000
IL	158144	D	00/00/0000
JP	3620048	B	16/02/2005
JP	2002514125	T	14/05/2002
US	6309215	B	30/10/2001
US	6398548	B	04/06/2002
US	6409504	B	25/06/2002
US	6450807	B	17/09/2002
US	6554611	B	29/04/2003
US	6682346	B	27/01/2004
US	6722880	B	20/04/2004
US	20020037489	A	28/03/2002
US	20020064747	A	30/05/2002
US	20020150855	A	17/10/2002
US	20030003416	A	02/01/2003
US	20030008259	A	09/01/2003
US	20030039389	A	27/02/2003
US	20040110110	A	10/06/2004
CN	1260698	A,T	19/07/2000
EP	1369091	A	10/12/2003
ES	2206952	T	16/05/2004
JP	2004243141	A	02/09/2004
JP	2004255205	A	16/09/2004
JP	2004267790	A	30/09/2004
JP	2005021714	A	27/01/2005
PT	989828	T	27/02/2004
TW	396034	B	01/07/2000
US	5975893	A	02/11/1999
US	6217325	B	17/04/2001
US	6471511	B	29/10/2002
US	6626666	B	30/09/2003
US	6629840	B	07/10/2003
US	6699037	B	02/03/2004
US	20010006770	A	05/07/2001
US	20010008751	A	19/07/2001
US	20010009753	A	26/07/2001
US	20040166456	A	26/08/2004
WO	9858596	A	30/12/1998
AU	1634700	A	19/06/2000
AU	3104600	A	19/06/2000
CA	2351420	A	08/06/2000

INTERNATIONAL SEARCH REPORT

Information on patent family members

01/10/2005

International application No.

PCT/SE 2005/001075

US	20020106604	A1	08/08/2002	CA	2351513	A	08/06/2000
				EP	1143872	A	17/10/2001
				EP	1146832	A	24/10/2001
				JP	3636661	B	06/04/2005
				JP	3636662	B	06/04/2005
				JP	2002531166	T	24/09/2002
				JP	2002531167	T	24/09/2002
				JP	2005118592	A	12/05/2005
				JP	2005161048	A	23/06/2005
				JP	2005161049	A	23/06/2005
				US	6183248	B	06/02/2001
				US	6390812	B	21/05/2002
				US	6485298	B	26/11/2002
				US	6705861	B	16/03/2004
				US	20020051951	A	02/05/2002
				US	20020142258	A	03/10/2002
				US	20030186184	A	02/10/2003
				US	20040209218	A	21/10/2004
				WO	0032131	A	08/06/2000
				WO	0032132	A	08/06/2000
				AU	1108000	A	26/04/2000
				AU	1444100	A	26/04/2000
				AU	6420399	A	26/04/2000
				CA	2346255	A	13/04/2000
				EP	1119308	A	01/08/2001
				JP	3636660	B	06/04/2005
				JP	2002526153	T	20/08/2002
				JP	2005144190	A	09/06/2005
				TW	476634	B	21/02/2002
				TW	480166	B	00/00/0000
				TW	514517	B	00/00/0000
				US	6802713	B	12/10/2004
				US	20050079468	A	14/04/2005
				WO	0019928	A	13/04/2000
				WO	0019930	A	13/04/2000
				WO	0019931	A	13/04/2000
				US	6145248	A	14/11/2000
				US	6691455	B	17/02/2004
				US	6210162	B	03/04/2001
				ZA	9805379	A	19/04/1999
				US	20030064345	A	03/04/2003